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(54) Display apparatus

(57) A plasma display panel (PDP) provided with means for avoiding thermal destruction and burn-in. If some or all of the screen is displaying a very bright image, either continuously or periodically, and the total light

emission pulse number is judged to be sufficiently large that it may cause thermal destruction and burn in of the screen, the total light emission pulse number (sustain frequency) is reduced to prevent this.

VERTICAL
SYNCHRONIZING
SIGNAL

OPERATION
PART

DISPLAY DATA

DETECTED POWER

DETECTED POWER

VALUE

FIGURE 23

SUSTAIN
PREDUENCY
OPERATION
PART

TIME
JUDGMENT
PART

ZE

JUDGMENT
PART

SUSTAIN
FREQUENCY
CONTROL
PART

SUSTAIN
FREQUENCY
CONTROL
PART

SUSTAIN
FREQUENCY
CONTROL
PART

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